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JUL 23 2003
TECH CENTER 1600/2900
NO: 4 5 6 7 8 12
SE4 10

YRPRPRRY ●
TYRPRPRRY ★
YRPRPRRYV ◆
TYRPRPRRYV ○
RPRPRRYVE ▼
MSWRGRSTYRPRPRR ◆

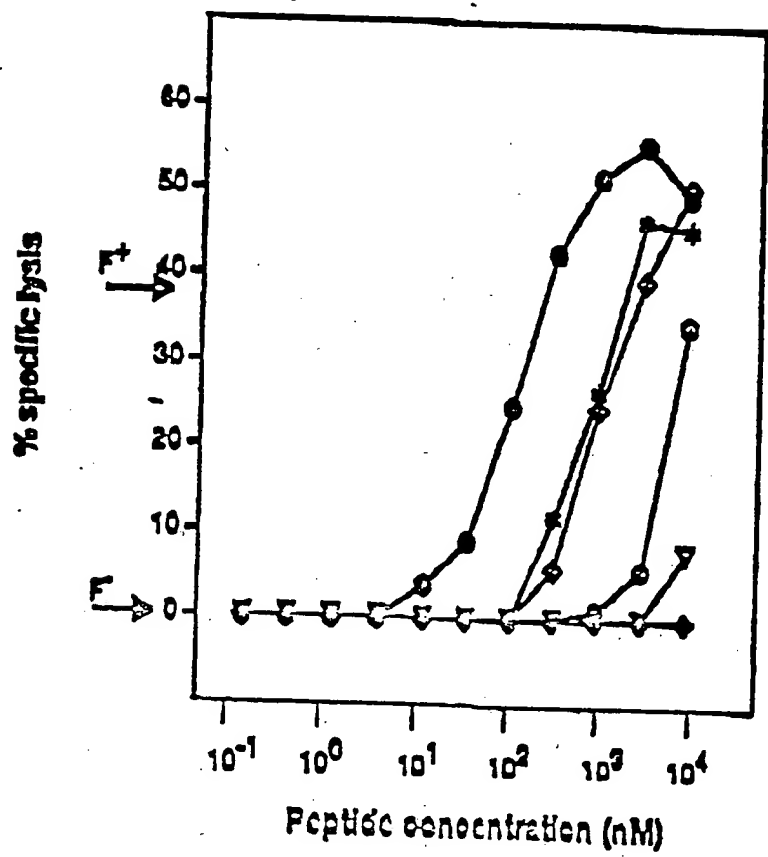


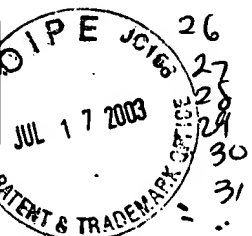
Figure 3

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GAGE-1
GAGE-2
GAGE-3
GAGE-4
GAGE-5
GAGE-6

[illegible]

SET 11) NO:



antigenic
peptide

GAGE-1	DS-WRGST-TTPRRRYVDPPE-I	GPMPFQFSDEVLPATPEEGEPATQ	RQDFAAAQEGEGEGASAGQGPKPEA	7
GAGE-2	MS-WRGST-TTPRRRYVDPPE-I	GPMPFQFSDEVLPATPEEGEPATQ	RQDFAAAQEGEGEGASAGQGPKPEA	7
GAGE-3	MS-WRGST-TTPRRRYVDPPE-I	GPMPFQFSDEVLPATPEEGEPATQ	RQDFAAAQEGEGEGASAGQGPKPEA	7
GAGE-4	MS-WRGST-TTPRRRYVDPPE-I	GPMPFQFSDEVLPATPEEGEPATQ	RQDFAAAQEGEGEGASAGQGPKPEA	7
GAGE-5	MS-WRGST-TTPRRRYVDPPE-I	GPMPFQFSDEVLPATPEEGEPATQ	RQDFAAAQEGEGEGASAGQGPKPEA	7
GAGE-6	MS-WRGST-TTPRRRYVDPPE-I	GPMPFQFSDEVLPATPEEGEPATQ	RQDFAAAQEGEGEGASAGQGPKPEA	7

nt of 26
nt of 27
nt of 28
nt of 29
nt of 30
nt of 31

GAGE-1	DSQEQGHFQTGCECEDGPDGQEP	PNPFEVKTPEEGEKQSQ	LLQWNCFLKLEPRKP	13
GAGE-2	ESQEQGHFQTGCECEDGPDGQEP	PNPFEVKTPEEGEKQSQ	11
GAGE-3	DSQEQGHFQTGCECEDGPDGQEP	PNPFEVKTPEEGEKQSQ	11
GAGE-4	DSQEQGHFQTGCECEDGPDGQEP	PNPFEVKTPEEGEKQSQ	11
GAGE-5	DSQEQGHFQTGCECEDGPDGQEP	PNPFEVKTPEEGEKQSQ	11
GAGE-6	DSQEQGHFQTGCECEDGPDGQEP	PNPFEVKTPEEGEKQSQ	11

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Figure 5



AA 7 SER ID NO. 21

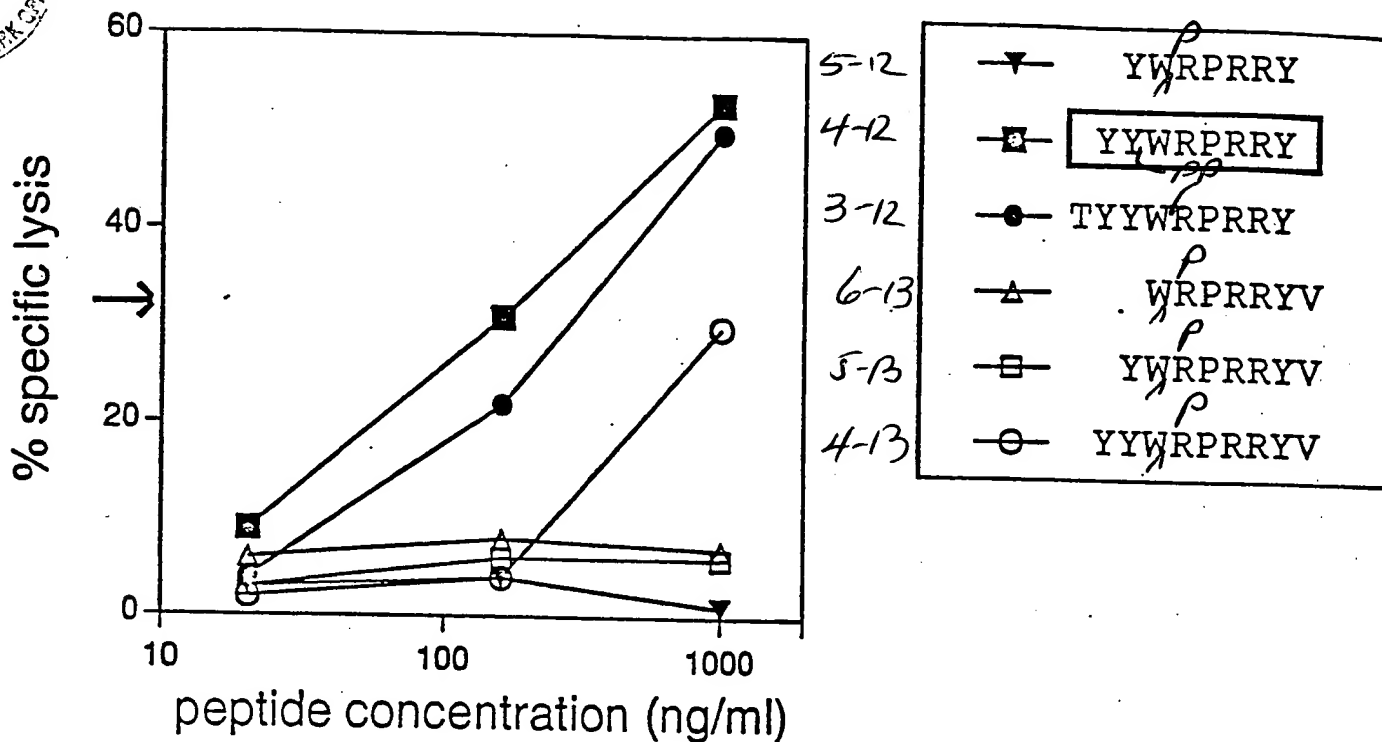


Figure 6 Lysis by MZ2-CTL 22/23 of lymphoblastoid cell line LB17-EBV incubated with GAGE-encoded peptide YYWRPRRY. Thousand ^{51}Cr -labelled LB17-EBV target cells were incubated in 96 well microplates in the presence of various concentrations of peptide for 15 minutes at 37°C . An equal volume containing 6000 CTL was then added. Chromium release was measured after 4 hours at 37°C . We have indicated the final concentration of peptides during the incubation of the target cells with the CTL. The arrow indicates the percentage of lysis of MZ2-MEL.43 cells.

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